

## **APPENDIX C - MAPS**

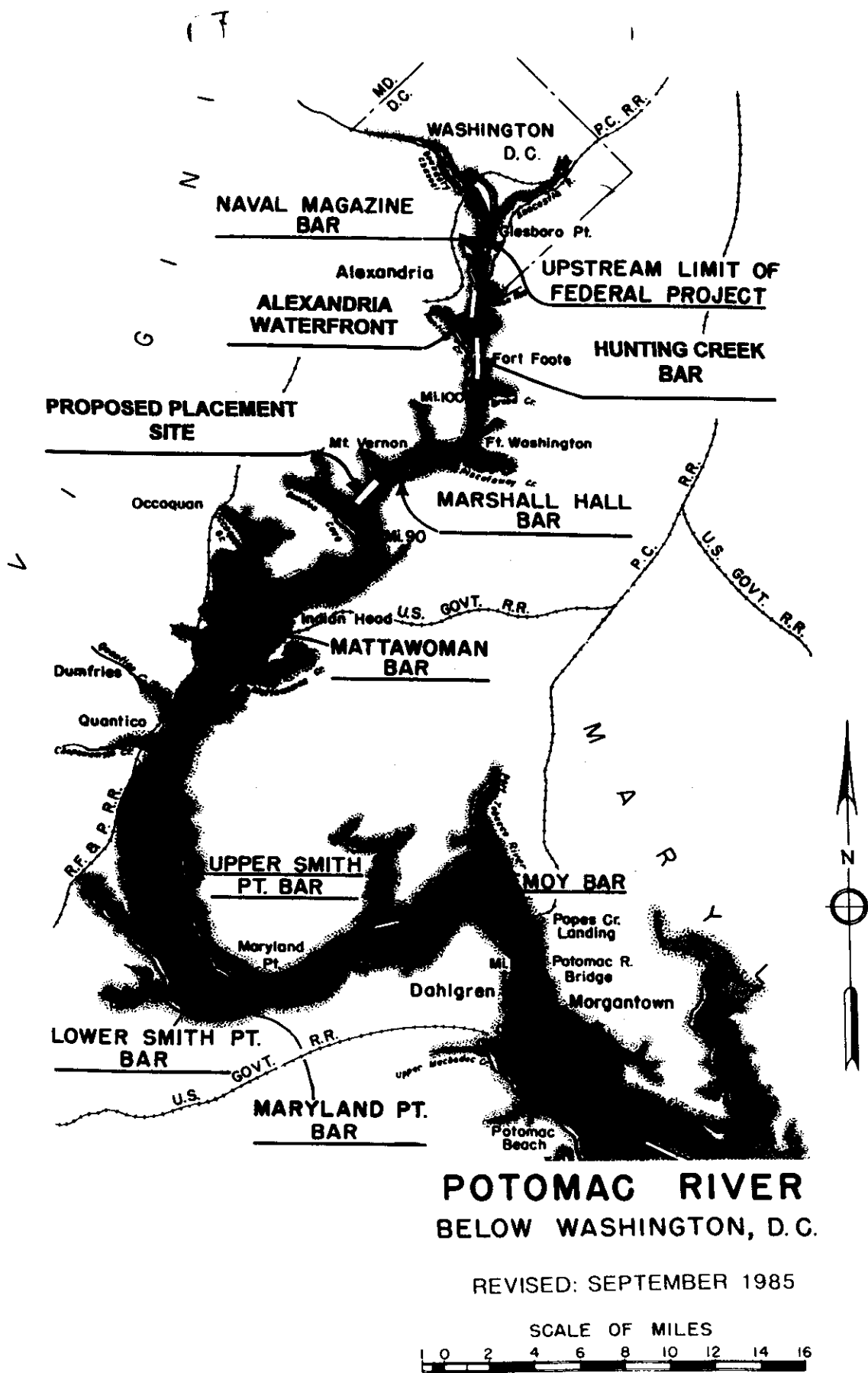


Figure 1: Location of Proposed Channel Segments to be Dredged and Proposed Placement Site



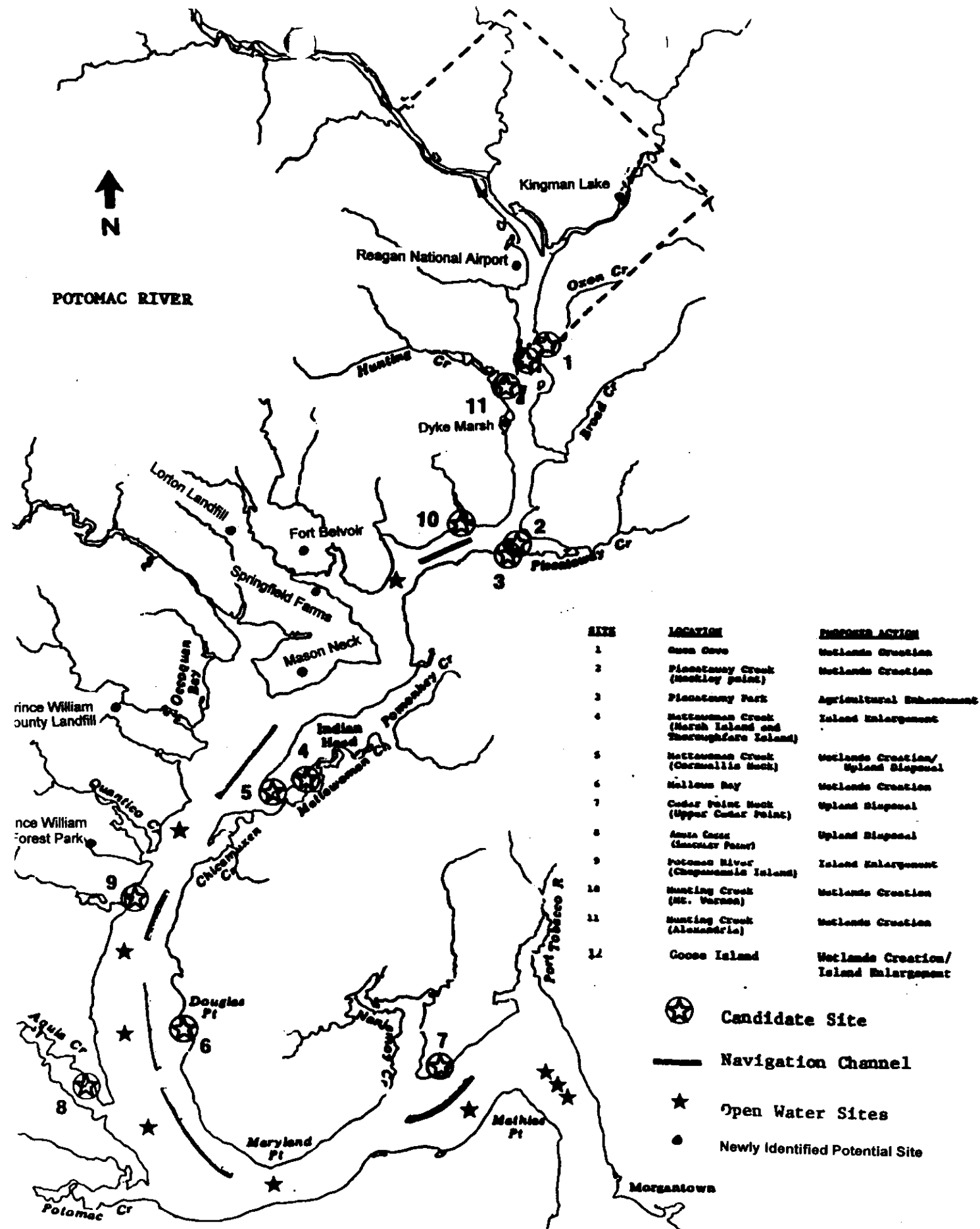
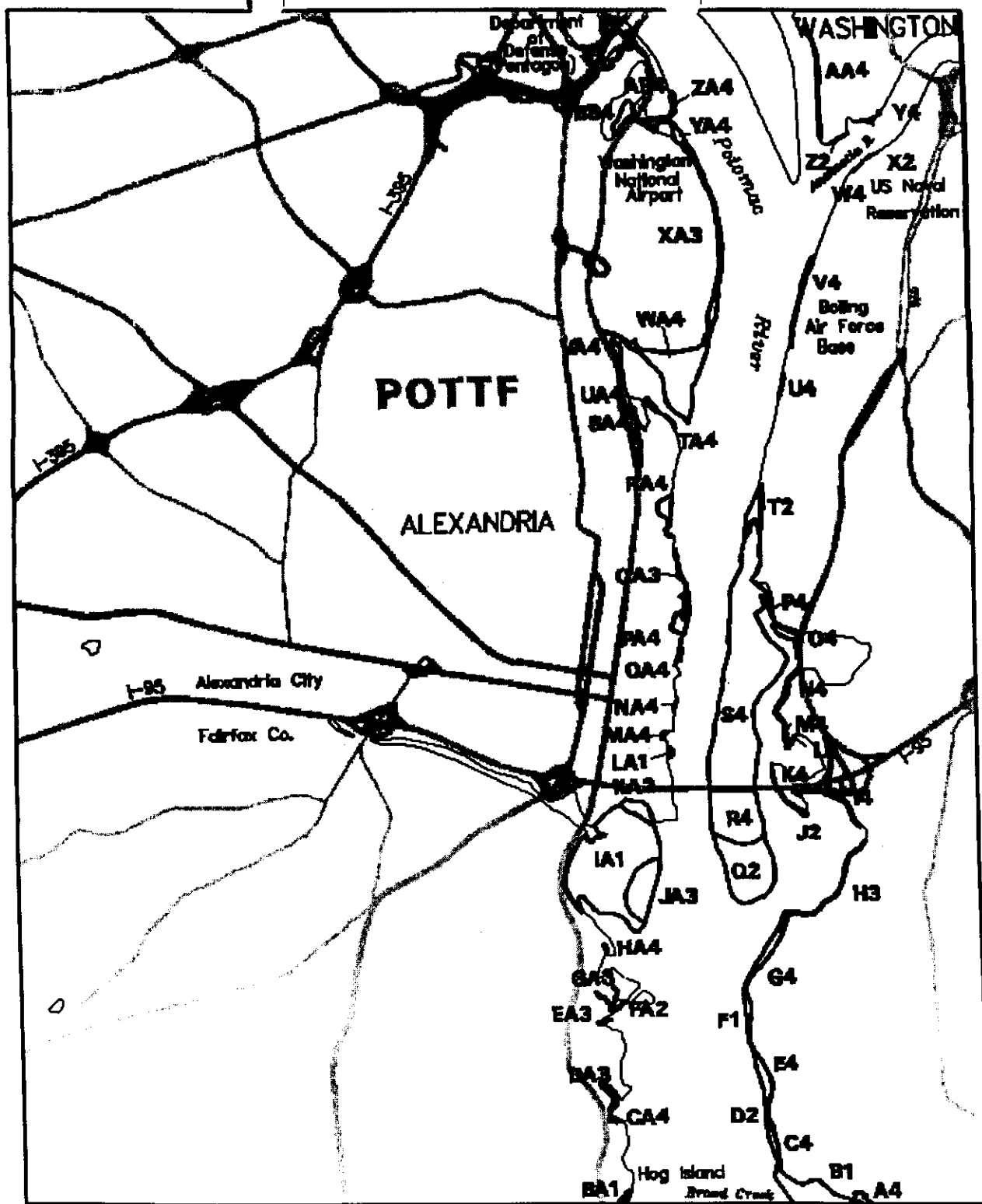


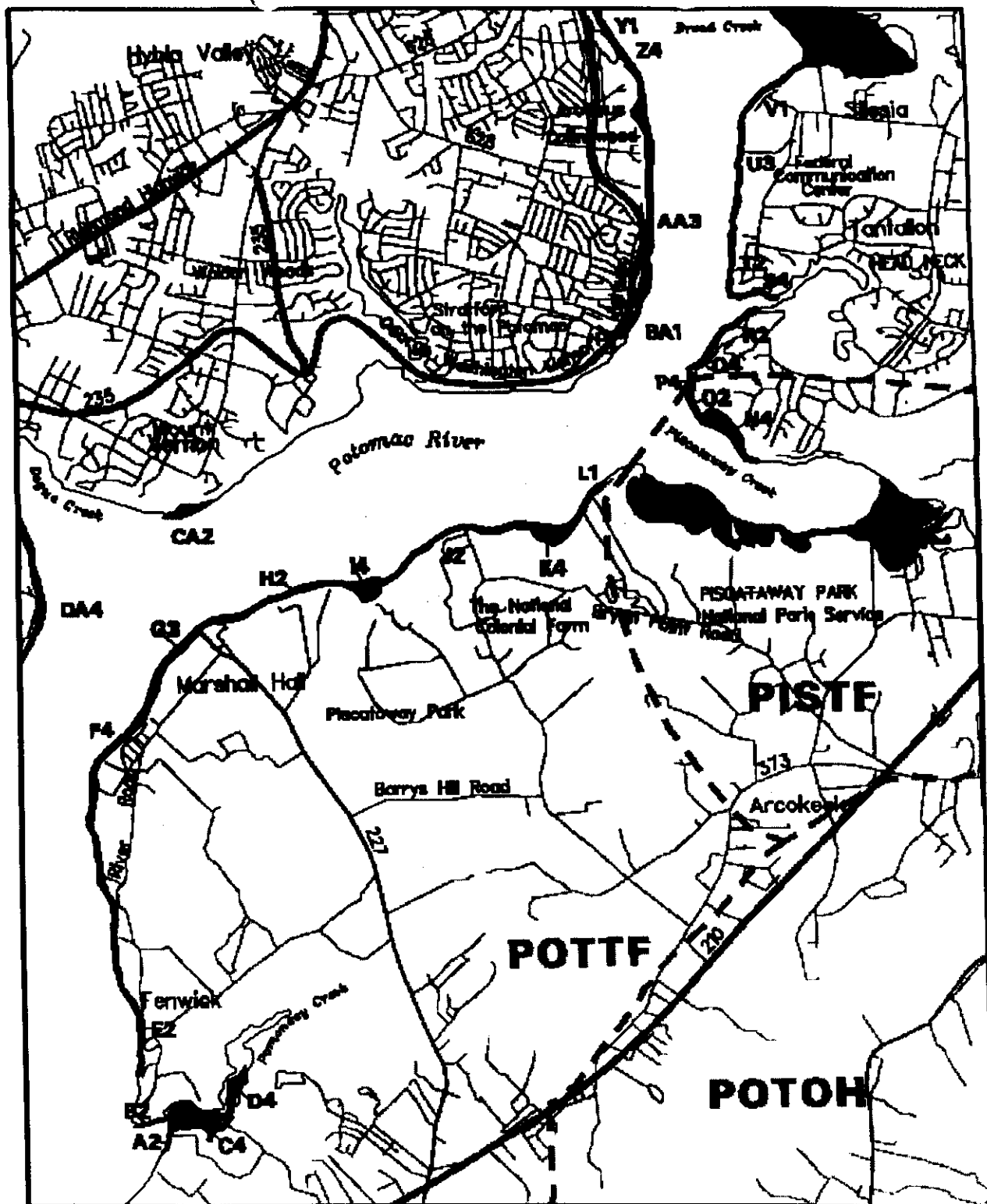
Figure 3: Recently Identified Additional Potential Placement Sites



**Hectares of SAV: 438.99**  
 Date Flown: 09/24/98

**Sources:** School of Marine Science  
 Virginia Institute of Marine Science

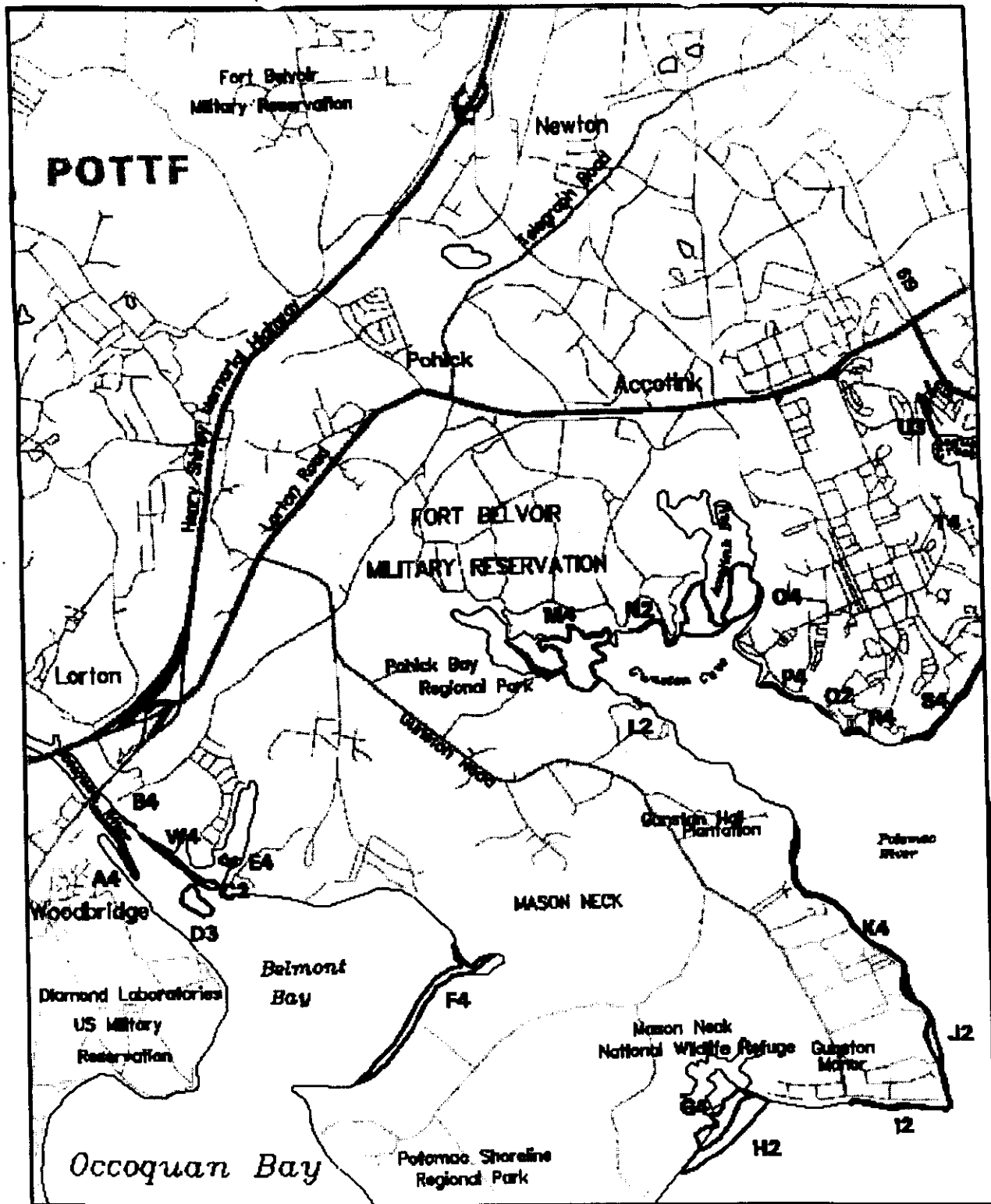
**Figure 4: Submerged Aquatic Vegetation (SAV) Along Alexandria Waterfront**



**Hectares of SAV: 316.86**  
 Date Flown: 08/20/98

**Sources:** School of Marine Science  
 Virginia Institute of Marine Science

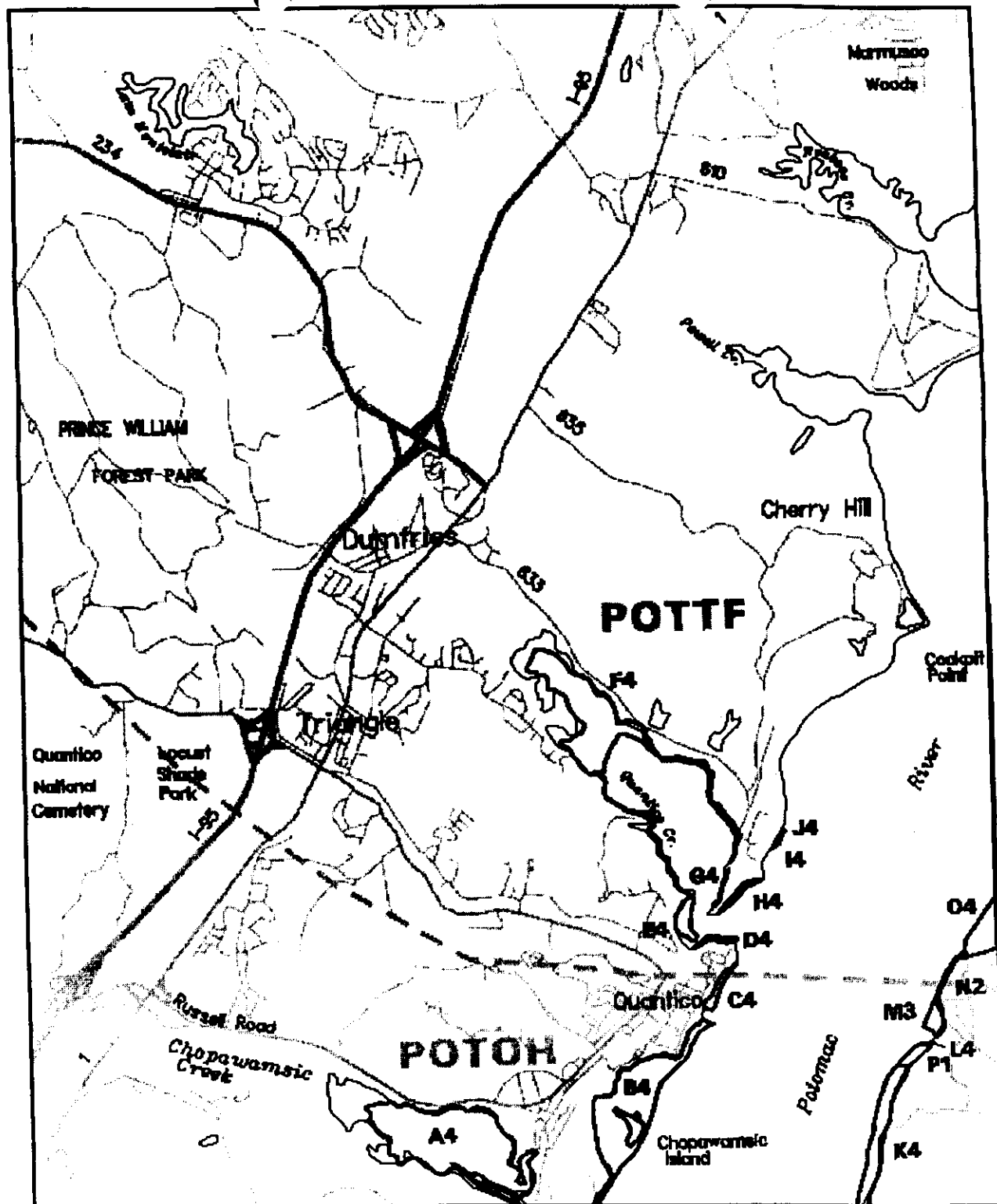
**Figure 5: SAV at Dogue Creek Portion of the Project**



Hectares of SAV: 158.55  
 Date Flown: 08/20/98

Sources: School of Marine Science  
 Virginia Institute of Marine Science

Figure 6: SAV at Gunston Cove Portion of the Project



**Hectares of SAV: 32438**  
**Date Flown: 08/20/98, 09/24/98**

**Sources:** School of Marine Science  
 Virginia Institute of Marine Science

**Figure 7: SAV on Western Side of Indian Head Portion of the Project**



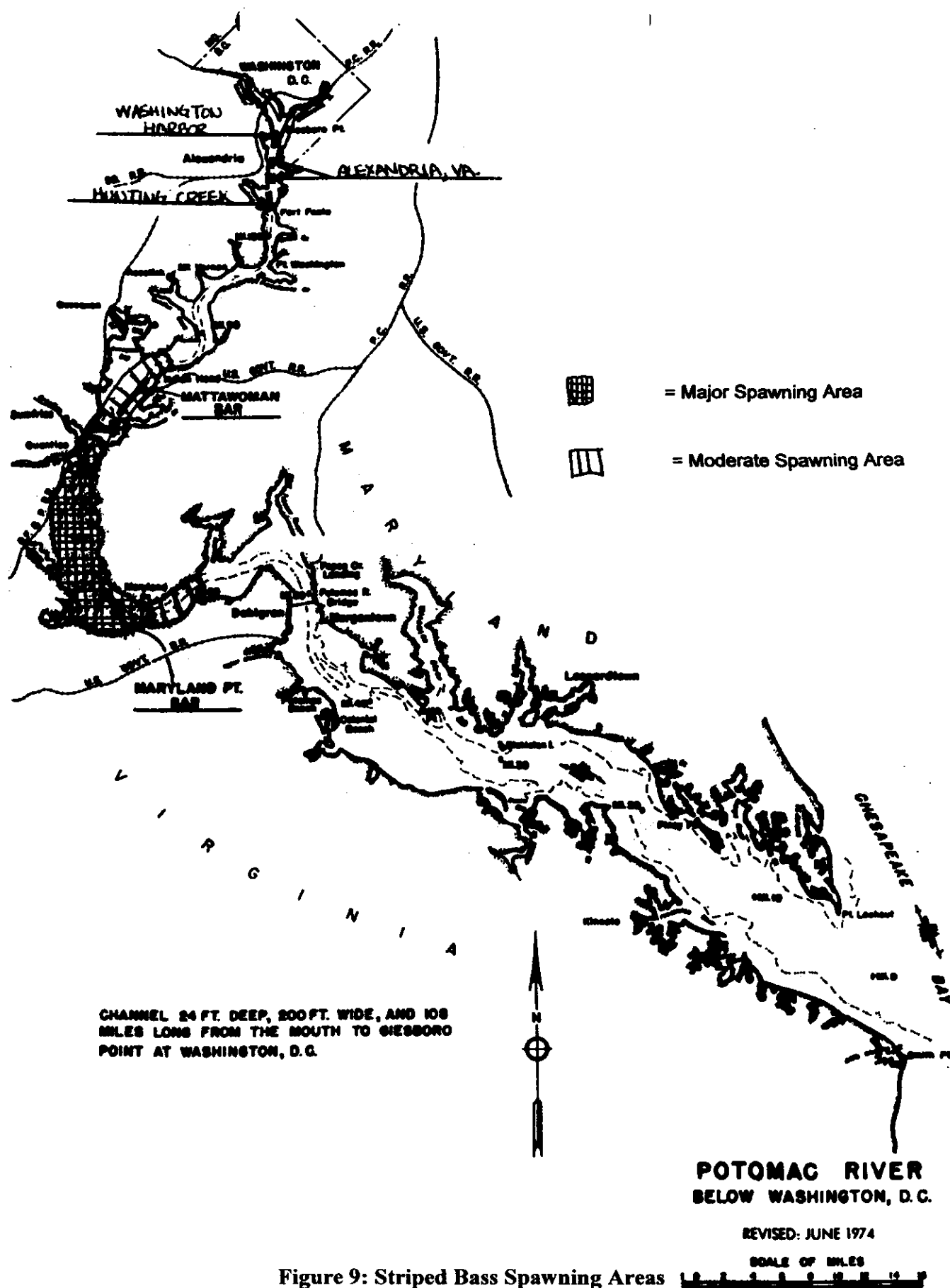


Figure 9: Striped Bass Spawning Areas

From *Environmental Atlas of the Potomac Estuary*, by Alice J. Lippson



**Watershed Health (IWI) | Watershed Information: 02070010**  
located in the state(s) of DC MD VA

## Middle Potomac-Anacostia-Occoquan

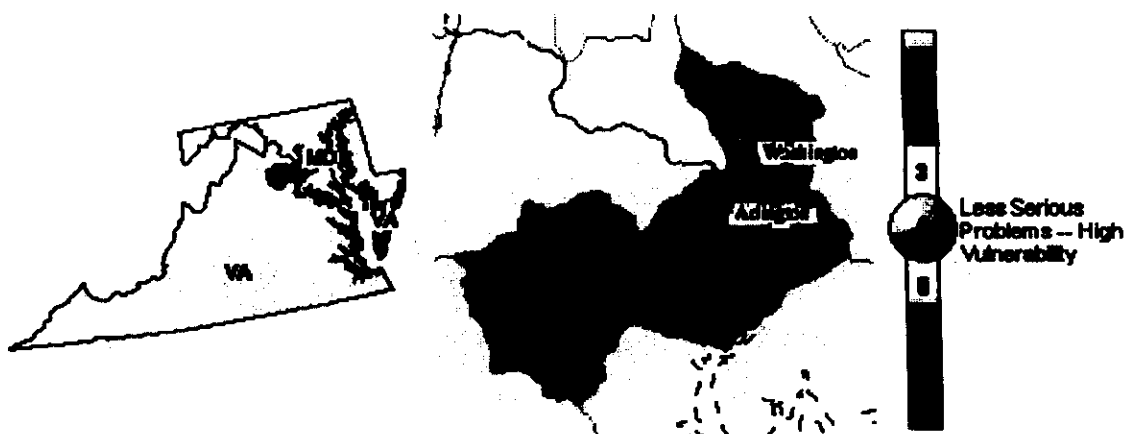


[IWI Homepage](#) [Updates](#) [Surf Your Watershed](#) [Comments](#)

Locate Your Watershed



The overall IWI score below describes the health of the aquatic resources for this watershed. A score of 4 indicates **Less Serious Water Quality Problems - High Vulnerability** to stressors such as pollutant loadings. Get a description of the latest overall score (October 1998, Version 1.2) and find out how your watershed scores are calculated. See the [Condition and Vulnerability Indicator Graphs](#) link below for the individual scores used in the overall score calculation.



This site not only categorizes watersheds based on their overall aquatic health, but also provides more detailed information on **indicators** used to calculate the score. These indicators are environmental factors that influence the health of the watershed. For instance: *Sources of Drinking Water* and *Agricultural Runoff* are examples of indicators. This IWI score is based on the Condition and Vulnerability Indicators:

**Condition & Vulnerability Indicator Graphs** - Designed to show existing watershed health across the country & indicate where pollution discharges and other activities put pressure on the watershed.

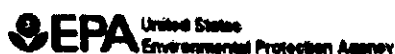
**Enviromapper for Watersheds** - This link takes you to Middle Potomac-Anacostia-Occoquan watershed level. You can view STORET, fish advisories, and other IWI data as well as Envirofacts information on a watershed level. You can visit other geographical levels such as state and county.

**Candidate Indicator Graphs** - The Index of Watershed Indicators in an effort to present more comprehensive information on the health of your watershed is looking at new data layers of condition, vulnerability and resource characteristics (A description of how natural systems within the watersheds function and affect watershed health.) Next year the numbers from these indicators may be incorporated into the overall score.

**Map Library** - The map library contains graphical displays of environmental data. The map library contains the interactive mapping capability from Enviromapper for Watersheds, national map of aquifers, and other maps with displays of environmental data.

▼<-- Clicking on these images below will collapse (hide) detailed information.

►<-- Clicking on these images below will expand (show) detailed information.



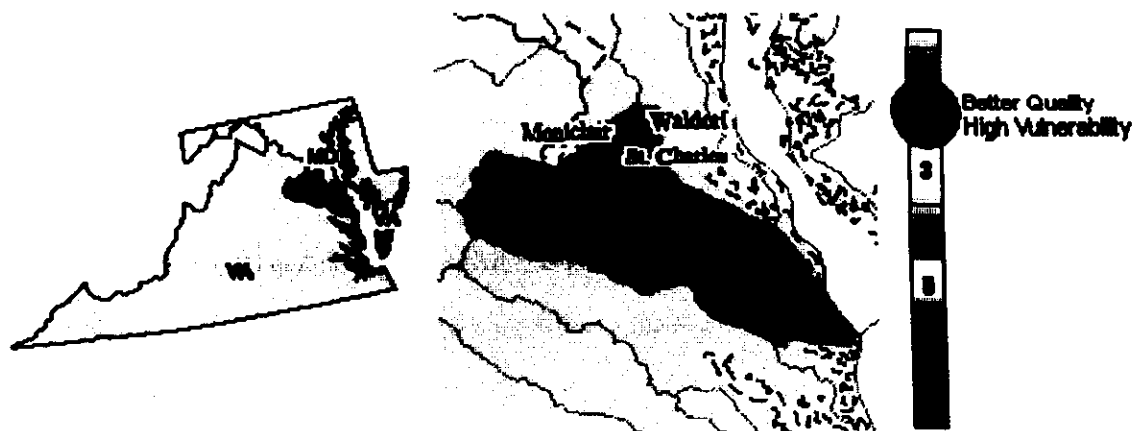
**Watershed Health (IWI) | Watershed Information: 02070011**  
located in the state(s) of MD VA

## Lower Potomac


[IWI Homepage](#)
[Updates](#)
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[Comments](#)

Locate Your Watershed

The overall IWI score below describes the health of the aquatic resources for this watershed. A score of 2 indicates Better Water Quality - High Vulnerability to stressors such as pollutant loadings. Get a description of the latest overall score (October 1998, Version 1.2) and find out how your watershed scores are calculated. See the Condition and Vulnerability Indicator Graphs link below for the individual scores used in the overall score calculation.



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**Enviromapper for Watersheds** - This link takes you to Lower Potomac watershed level. You can view STORET, fish advisories, and other IWI data as well as Envirofacts information on a watershed level. You can visit other geographical levels such as state and county.

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▼ <-- Clicking on these images below will collapse (hide) detailed information.

▶ <-- Clicking on these images below will expand (show) detailed information.

**Expand All**

- ▶ *About the Indicators- Click on name for description*
- ▶ *About the Candidate Indicators- Click on name for description*
- ▶ *View Previous Scores*
- ▶ *Maps Depicting the Health of Places Involving This Watershed*

**Unified Watershed Assessment**

**View state / tribal comments on IWI**

**Password protected review**

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**Last Revised: 3/17/1999**

**URL: <http://www.epa.gov/surf2/hucs/02070010/score.html>**